

What is claimed is:

1. A method for transiting quality declaration data in an ATM switched network having an ATM switching system which accommodates an originating subscriber and a terminating
5 subscriber, comprising the steps of:

determining, in said ATM switching system, quality of service (QoS) correction principle for correcting the difference between a subscriber signaling protocol supporting said originating subscriber and a subscriber signaling protocol
10 supporting said terminating subscriber;

generating quality control information corrected using said QoS correction principle;

performing connection admission control and usage parameter control according to said generated quality control
15 information; and

transmitting said quality control information to said terminating subscriber.

2. The method for transiting quality declaration data
20 according to claim 1,

wherein said QoS correction principle is derived from a plurality of combinations of an originating subscriber and a terminating subscriber in regard to said versions of predetermined subscriber signaling protocols.

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3. A method for transiting quality declaration data in an ATM switched network having a first ATM switching system, an

originating subscriber accommodated in said first ATM switching system, a second ATM switching system in which a connection is set up with said first ATM switching system through an interoffice signaling protocol, and a terminating subscriber
5 accommodated in said second ATM switching system, said method for transiting quality declaration data comprising the steps of:

mapping declaration data in a subscriber signaling protocol corresponding to said subscriber signaling protocol for
10 supporting said originating subscriber having requested connection setup, to a specification of said interoffice signaling protocol; and

mapping said declaration data in said interoffice signaling protocol to a specification corresponding to a subscriber
15 signaling protocol for supporting said terminating subscriber.

4. An ATM switching system accommodating an originating subscriber and a terminating subscriber, comprising:

a subscriber signaling protocol database for storing
20 subscriber signaling protocols respectively for supporting each subscriber corresponding to each subscriber number of said originating subscriber and said terminating subscriber;

a database of correction contents management information for storing quality of service (QoS) correction principle
25 corresponding to a combination of subscriber signaling protocols for supporting said respective originating subscriber and terminating subscriber, respectively stored in said

subscriber protocol database; and

a means for generating quality control information corrected using said QoS correction principle, performing connection admission control and usage parameter control according to said generated quality control information, and transmitting said quality control information to said terminating subscriber.

5. The ATM switching system according to claim 4,
10 wherein said QoS correction principle is obtained from a plurality of combinations of an originating subscriber and a terminating subscriber in regard to predetermined versions of subscriber signaling protocols.

15 6. An ATM switching system comprising:
a first ATM switching system;
an originating subscriber accommodated in said first ATM switching system;
a second ATM switching system in which a connection is set
20 up with said first ATM switching system through an interoffice signaling protocol; and
a terminating subscriber accommodated in said second ATM switching system.

wherein said first ATM switching system maps declaration
25 data in a subscriber signaling protocol corresponding to said subscriber signaling protocol for supporting said originating subscriber having requested connection setup, to a

